

The Institution of Engineers (India)



T. N. STATE CENTRE BULLETIN

Er. S. Kannan, FIE
Chairman

Er. K. N. Sivaraju, MIE
Honorary Secretary



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From Chairman's Desk



Dear Fellow Engineers,

My greetings to all and I feel very happy to meet you through this News Bulletin once again.

The Institution of Engineers (India) Tamil Nadu State Centre celebrated the **World Engineering Day for Sustainable Development** on the theme “**Engineering Innovation for a more Resilient World**” on 15th March 2023 at Hotel Savera, Chennai. The celebration was graced with the dignitaries **Dr (Smt.) Tamilsai Soundararajan**, Hon'ble Governor of Telangana & Hon'ble Lt. Governor of Puducherry was the Chief Guest and **Er K Mohan Reddy**, Director (P& P), Director (Power) Addl. I.C, NLC India Ltd., Neyveli was the Guest of Honour.

The Tamilnadu State Centre of the Institution of Engineers (India) observed the **World Water Day** on the theme “**Accelerating Change**” jointly with Tiruvallur Local Centre, Kanchepuram Local Centre and Kattankulathur Local Centre on 1st April 2023 at IEI TNSC Auditorium, Chennai.

Padmabhushan Dr A Sivathanu Pillai, Founder CEO & MD of BrahMos Aerospace, Former Honorary Distinguished Professor, ISRO, Former Chief Controller(R&D), DRDO, Honorary President PMA – India was the Chief Guest and **Mr Kaushik Palicha**, Managing Director, Ram Charan Co Pvt Ltd, Chennai was the Guest of Honour. Chennai Water Summit competition was organized for engineering students and school students. Paper Presentation competition for engineering students and exhibition model for school students. Padmabhushan Dr A Sivathanu Pillai stated that we should plan for drinking water from sea without ditching from under the ground. At the Council meeting held with more than 95 council members present on 25-27 Mar 2023 at Engineering Staff College of India, Hyderabad. The National Council of Institution of Engineers (India) unanimously accepted the recommendation of Cdr Dr Bhaskar Bhandarkar Chairman Marine Engineering Division Board (MRDB) and resolved to celebrate 05th April as National Maritime Day as one among the Statutory Celebrations Days in the year calendar. Happy to announce our First National Maritime Day celebration of IEI Tamilnadu State Centre was celebrated in association with HIMT college, a renowned maritime

institute, Institutional member of IEI, conferred with " Outstanding Maritime Training institute" award by Director General of Shipping Govt. Of India at NMDC function at Mumbai. Chief guest of the event was Er I M Rao who is 90 year old and dynamic marine engineer who blessed the event and Dr (Capt). S. Bhardwaj, Resident

Director, MASSA Maritime Academy, Chennai was the Guest of Honour. The event started with Guard of Honour, visit to entire ship building facility, labs & VR labs which is most exciting one. Fabolous hospitality by HIMT college and more than 250 participants were participated in the event .

WORLD ENGINEERING DAY FOR SUSTAINABLE DEVELOPMENT

Theme "Engineering Innovation for a more Resilient World"

15.03.2023



United Nations Educational Scientific and Cultural Organisation (UNESCO) has declared 4th March as World Engineering Day for Sustainable Development considering the global awareness and understanding of the role of engineering in modern life. IEI being an international Member of World Federation of Engineering Organizations (WFEO), would like to request the engineering community in India to celebrate this day in a befitting manner and organise events to mark the occasion.

The Institution of Engineers (India) Tamil Nadu State Centre celebrated the **World Engineering Day for Sustainable Development** on the theme "**Engineering Innovation for a more Resilient World**" on 15th March 2023 at Hotel Savera, Chennai.

Dr (Smt.) TAMILISAI Soundararajan, Hon'ble Governor of Telangana & Hon'ble Lt. Governor of Puducherry was the Chief Guest and inaugurated the event. **Er K Mohan Reddy**, Director (P& P), Director (Power) Addl. I.C, NLC India Ltd., Neyveli was the Guest of Honour.



The program started with National Anthem & invocation, followed by lighting of the lamp by the dignitaries. The welcome speech was delivered by **Er S Kannan**, Chairman, IE(I) TNSC.



Dr T M Gunaraja Past President, IE(I) delivered about the history of IE(I). **Dr G Ranganath**, Council Member, IE(I) TNSC & CATE Chairman explained about the World Engineering Day for Sustainable Development. **Er D Gokul**, Honorary Joint Secretary delivered about the theme of the World Engineering Day for Sustainable Development.



Er S Kannan, Chairman, IE(I), TNSC honoured the dignitaries with shawl and memento. NLC India Ltd., and Ramcharan & Co were awarded for Industry Excellence award.



Er K Mohan Reddy, Director (P&P), Director (Power) Addl. I.C., NLC India Ltd., Neyveli has elaborated in detailed about the general principles for sustainable engineering of the future.

Dr (Smt.) Tamilsai Soundararajan, Hon'ble Governor of Telangana & Hon'ble Lt. Governor of Puducherry delivered the thematic address.



Er K N Sivaraju, Honorary Secretary of IE(I), TNSC proposed the Vote of thanks. The program ended with National Anthem. More than 200 participants were participated in the celebration.

World Water Day
“Accelerating Change”
01.04.2023



The Tamilnadu State Centre of the Institution of Engineers (India) observed the **World Water Day** on the theme “**Accelerating Change**” jointly with Tiruvallur Local Centre, Kanchepuram Local Centre and Kattankulathur Local Centre on Saturday the **1st April 2023** at **6.00 pm** at IEI TNSC Auditorium, Chennai.

The program started with Tamilthai Valthu followed by Lighting of Lamp by the dignitaries. At the outset, **Er S Kannan**, Chairman IE(I) Tamilnadu State Centre welcomed the gathering. He also spoke about the world is surrounded by 70 % of water whereas water for consumption is only 3% and the shortage of pure water is reducing due

to population raise, technological advancement, pollution by the factories and environmental pollution. **Er D Gokul**, Hon. Joint Secretary, IE(I), TNSC delivered about the theme of the World Water Day. **Padmabhushan Dr A Sivathanu Pillai**, Founder CEO & MD of BrahMos Aerospace, Former Honorary Distinguished Professor, ISRO, Former Chief Controller(R&D), DRDO, Honorary President PMA – India was the Chief Guest and **Mr Kaushik Palicha**, Managing Director, Ram Charan Co Pvt Ltd, Chennai was the Guest of Honour. Dignitaries were honoured with shawls and mementoes.



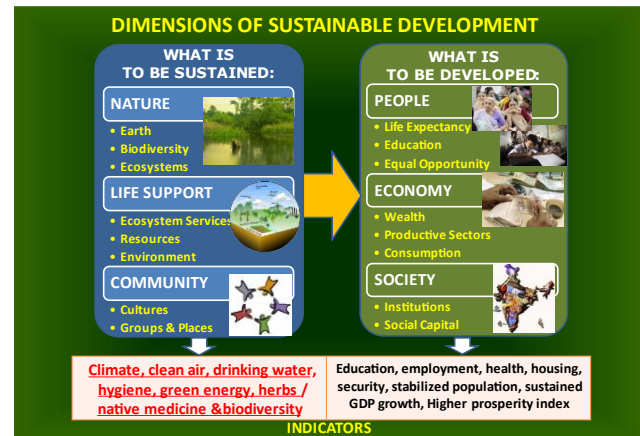
Dr D Elango, Chairman, IEI Kancheepuram Local Centre introduced the Guest of Honour **Mr Kaushik Palicha**. He briefed about the Solar PV assisted Co-Generation Process for Sea Water Desalination. He highlighted the major resources of sea water and the importance of Solar Integration with RO desalination.



of creation of God and earth is the most suitable planet to live. So, save the earth and human race. Water is the main source of life for humans to exist. Water is our common future, and we need to act together to share it equitably and manage it sustainably. As the world convenes for the first major United Nations conference on water in the last half century, we have a responsibility to plot a collective course ensuring water and sanitation for all.



Dr L Ramesh, Chairman, IE(I) Tiruvallur Local Centre introduced the Chief Guest **Padmabhushan Dr A Sivathanu Pillai**, Founder CEO & MD of BrahMos Aerospace, Former Honorary Distinguished Professor, ISRO, Former Chief Controller(R&D), DRDO, Honorary President PMA – India. He explained in detail about accelerating change for sustainable human life. Human is the best



The single vision of humanity must be to make planet earth liveable for generations. For many generations as long as the Sun shines, humanity must live on the earth in peace, happiness and prosperity with adequate drinking water, pollution free air, organic pesticide free agriculture, good

education, employment and healthcare for all. The ozone hole over Antarctica must be plugged. Space technology must be for the development of people only. Space must be free from military intentions. Debris must be removed so that earth can smile at us. 40 billion trees must be planted to convert CO2 to oxygen, throughout the world.

This vision for humanity, to save Mother Earth for the living of future generations, must be greater than any other vision so far envisioned by any Nation. All Nations must come together to pledge and act on this vision. We must 'accelerate change' for human survival. Padmabhushan Dr A Sivathanu Pillai finally stated that we should

plan for drinking water from sea without ditching from under the ground.

Chennai Water Summit competition was organized for engineering students and school students. Paper Presentation competition for engineering students and exhibition model for school students. The first level competition was held in their colleges and school. The final competition was held at the IEI TNSC Auditorium on the celebration day. The winning candidates were awarded certificates and cash prizes by the Chief Guest.

Er K N Sivaraju , Honorary Secretary of Tamilnadu State Centre proposed the vote of thanks.

National Maritime Day **15.04.2023**



At the Council meeting held with more than 95 council members present on 25-27 Mar 2023 at Engineering Staff College of India, Hyderabad . The National Council of Institution of Engineers India unanimously accepted the recommendation of Cdr Dr Bhaskar Bhandarkar Chairman Marine Engineering Division Board (MRDB) and resolved to celebrate **05th April as National Maritime Day** as one among the Statutory Celebrations Days in the year calendar.



The Tamilnadu State Centre of the Institution of Engineers (India) in association with Hindustan Institute of Maritime Training celebrated the first **National Maritime Day** on **15th April 2023** at 10.00 am at HIMT Campus, Kalpakkam.

Our First National Maritime day celebration of IEI Tamilnadu State Centre was celebrated in association with HIMT college, a renowned maritime institute, Institutional member of IEI, conferred with "Outstanding Maritime Training institute" award by Director General of Shipping Govt. Of India at NMDC function at Mumbai.

The event started with Guard of Honour, visit to entire ship in campus training facility, labs & VR labs which is most exciting one.





The celebration starts with the Tamilthai Valthu followed by lighting of lamp by the dignitaries. The welcome address delivered by **Capt. Subramanian Anand**, Convener, Principal - HIMT College, Kalpakkam. **Er S Kannan**, Chairman, IE(I) TNSC delivered about the history of IE(I). He also spoke about the history of formation of Marine Training from the year 1926 also introducing coastal trade. The training ship Dufferin was commissioned in December 1927. **Er Sanjeev S. Vakil** CEO, HIMT College felicitated and addressed the gathering.



Dr (Capt). S. Bhardwaj, Resident Director, MASSA Maritime Academy, Chennai was the Guest of Honour and **Er I M RAO**, Senior Marine Engineer, IE(I) Past Hon. Secretary, IE(I), TNSC Past Chairman, IMEI , Chennai Branch, Past President, IMEI was the chief guest. **Er S Rengaraju**, Co - Convener, Committee Member, IE(I) TNSC proposed the vote of thanks.

Committee Members, Local Centre Chairman, Corporate Members, Students from Various engineering colleges participated in the events.



TECHNICAL ACTIVITIES

17th June 2023 World Environment Day “Solutions to Plastic Pollution”

24th June 2023 Technical Meeting jointly with the Institute of Marine Engineers (India) and the company of master mariners

22nd July 2023 One day Seminar on the theme " Future Technologies, Human Resources Development and Entrepreneurship" in association with IMEI

27th & 28th July 2023 All India Seminar on “Optimizing the demand of Material Science with the help of recent technologies” in association with Thiagarajar Polytechnic College, Salem

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Bulletin

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